13. (Amended) Method according to claim 1 wherein in a grade change situation, a capacity of the mixing pump and a capacity of the feed pump are changed in a stepwise manner.

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14. (Amended) Method according to claim 2 wherein said surface level regulation is controlled by means of fuzzy logic.

REMARKS

Consideration of this application with the amended claims is respectfully requested.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "**Version with markings to show changes made**."

Any shortage in the fees should be charged to the account of Nixon & Vanderhye P.C., Account 14-1140 (30-556).

10049681.021502

Respectfully submitted,

NIXON & VANDERHYE P.C.

By: [signature]

Jeffry H. Nelson

Reg. No. **30,481**

JHN:maw
1100 North Glebe Road, 8th Floor
Arlington, VA 22201-4714
Telephone: (703) 816-4000
Facsimile: (703) 816-4100

VERSION WITH MARKINGS TO SHOW CHANGES MADE

Amend claims 1 to 14 as follows:

1. (Amended) Method of controlling the operation of [the] an approach system of a paper machine, a paper board machine or [the like] other web formation apparatus, in which said method comprises the steps of:

a. forming a pulp [stock is formed] from white water, fiber suspension and fillers,

b. feeding said pulp [is fed] by [means of] a mixing pump into a gas separation tank,

c. separating gas [is separated] from said pulp, [and the essentially gas-free]

d. feeding reduced gas pulp [is fed] into [the] a head box of the production machine,

e. changing [whereby] the feed of the reduced gas pulp to the head box [feed pump is changed] as [the] production changes in [of] the web formation apparatus [changes, characterized in that] and the change in the production of the web formation apparatus [is arranged to] initiates [the] a regulation system of the approach system, which regulation system essentially simultaneously checks [the] a need for changing [the] an operational mode of the mixing pump, initiates [the] a change of the operational mode of the mixing pump according to said need and both guides and regulates [the] a head box feed pump.

2. (Amended) Method according to claim 1[, characterized in that] wherein the regulation system of the approach system [is utilized to] controls both a pressure of the head box [pressure] and [the] a surface level of the gas separation tank.

3. (Amended) Method according to claim 1[, characterized in that the] wherein an operating point of the feed pump and an operating point of the mixing pump are changed essentially simultaneously.

4. (Amended) Method according to claim 1[, characterized in that the] wherein an operating point of the mixing pump is changed [anticipatorily in relation to the] in anticipation of changing [of the] an operating point of the feed pump so that [the] a surface level in the gas separation tank located between said pumps remains essentially constant or changes in a controlled manner.

5. (Amended) Method according to claim 1[, characterized in that the] wherein a change of [the] head box pressure is readable from the change of [the] an operating point of the head box feed pump, whereby said change of the operating point of the feed pump initiates [the] a control function of the regulation system.

6. (Amended) Method according to claim 2[, characterized in that the] wherein a surface level of the gas separation tank is controlled by arranging [the] a change of the head box pressure to initiate [the] a control function of the regulation system.

7. (Amended) Method according to claim 6[, characterized in that] wherein the regulation system guides simultaneously [both] the feed pump and the mixing pump so that [the] a pressure in the head box remains constant and [the] a surface level in the gas separation tank remains constant or changes in a controlled manner.

8. (Amended) Method according to claim 6[, characterized in that] wherein the regulation system controls the mixing pump anticipatorily in relation to the feed pump so that the head box pressure and the surface level in the gas separation tank remain constant.

9. (Amended) Method according to claim 1[, characterized in that by means of] wherein the regulation system changes at least [the] an output of the head box feed pump [is changed in order] to keep [the] a pressure in the head box [of the production machine] constant, and a [the] surface level variation in the gas separation tank is monitored simultaneously and [measures] measurements are taken [if needed] to correct the surface level of pulp in the gas separation tank.

10. (Amended) Method according to claim 1 [or 2, characterized in that said] wherein a surface level is allowed to change slowly in the gas separation tank temporarily without changing the feed of the gas separation tank.

11. (Amended) Method according to claim 1[, characterized in that when the] wherein when a pressure of the head box changes slowly, the change of the pressure is compensated for only by changing [the] a capacity of the head box feed pump, whereby [the] a surface level of the gas separation tank is allowed to change [accordingly].

12. (Amended) Method according to claim 1 [, characterized in that] wherein when [the] a pressure of the head box changes fast, the change of the pressure is compensated for by changing essentially simultaneously [both the] a capacity of the head box feed pump and [the] a capacity of the mixing pump.

13. (Amended) Method according to claim 1 [, characterized in that in] wherein in a grade change situation, [the] a capacity of [both] the mixing pump and a capacity of the feed pump [is] are changed in a stepwise manner.

14. (Amended) Method according to claim 2 [, characterized in that] wherein said surface level regulation is controlled by means of fuzzy logic.